

I. THEE-PHASE INDUCTION NOTORS TO 100 M

Model .		Ev at Synchro	nous RPN	Net Weig	Net Weight, kg		
	1500	1000	750	A	AL	Price, Rubles	
N31 NAS and AIAS	0.6 2.8	1.7	_	16.5	12	120	
162 181	14	10	7	41.5 138	29.5	. 227 635	
105 101	100	28	20	360 665	-	1,550 2,890	

W-3-3			Net weigh	Met weight, kg		
Model	RPM KV	KV	<u> </u>	AL	Price, Rubles	
A31-2 and AL31-2	3000	1	16.5	12	122	
142-2 and ALA2-2	3000	4.5	42	30.5	132 250	
162-2	3000	20	143	_	695	
A81-2	3000	55	370	-	1,860	
A92-2	3000	125	685	-	3,480	

Kode1	SV at Synchronous RPM			Het Weight, kg		Price.
	1500	1000	750	AO	YOT	Rubles
A031 and A0L31	0.6	_=_	_	20	12.5	142
A042 and A01A2 A062	2.8	1.7	-	45	31	270
	10	1 T	4.5	162	- 1	650
	40	28	20	495	-	2,330
A094	100	75	55	890	- 1	4,350

(continued)

I. THREE PHASE INDUCTION MOTORS, TO 100 KW - 2

GROUP D	son services			i de de la companya d	
Model_	er Linear	KV ·	RPM	Net weight, kg	Price ruble
162-8/4		5 7	720 1450	140	760
481-8/4		14 20	730 1470	360	1,860
192-8/4		40 55	730 1870	665	3,480
162-12/6		3	470 950	140	760
181-12/6		9	480	360	1,860
192-12/6		25	970 485	665	3,480
162-8/6/4		3.5 4.5	975 695 9 40	140	8 3 0
81-8/6/4		5 10 12.5	710 960	360	2,010
92-8/6/4		28 36	710 960	665	3,770
62-12/8/6/4		1.3 2 2.5	1430 460 705 910	125	730
92-12/8/6/4		3 17 24 28 36	1\$10 \$70 715 950	660	3,920
BOUP I		<u>, 30</u>	1440		
031-4/2		0.45	1420	21	177
042-4/2	er e emir var alli illi.	0.6 2.1 2.8	2840 1430 2850	45	338

I. THREE PHASE INDUCTION MOTORS, TO 100 KM - 3

GROUP E (continued)

Model		was die .		Price
	W.	EM Harry	Net weight, kg	ruble
A062-8/4	3-5	120 mg	165	760
	5.0	1450		•
M082-8/4	14 20	730 1k70	495	2,800
A094-8/4				
	40 45	730 1\50	890	5,220
1062-12/6	2.0	470	96e	
	3.5	950	165	760
1082-12/6	9	480	495	2,800
	116	970	77)	٠,٥٠٠
12/6	25 No	485	890	5,220
	<u>ko</u>	975		,,,
A042-6/4/2	1.0	950	45	338
	1.3	950 1450 2880	•	33-
	1.7			
A062-8/6/4	2.5	710	165	810
	3.0	950 1120		
	3.5			· · · · · · · · · · · · · · · · · · ·
1982- 8/6/4	10.0	720	495	2,940
	12.5 18.0	970 3450	, 45	
1094-8/6/4				
	26	730	890	5,510
	36 40	730 980 1470		
10-62-12/8/6/4		10.70	\$ Z =	~
	1.3 2.0	470	165	835
,	2.5	715		4
	3.0	1830		
1082-12/8/6/4	6.0	930 1430 480	495	3,020
	8.5	725	437	3,000
	10.0	960		
	10.0 12.5	725 960 1460		
1094-12/8/6/4	17 24	480	890	5,660
	24,	730	•	,,
	28 36	970		
		1470		

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I. THERE PEASE INDUCTION MOTORS, TO 100 My - h

GROUP P

	IN IN	at Synchronous RPM			Price,
Model	1500	1000	750	(Net weight, kg)	rubles
AP-62 AP-81 AP-92	14	10	7	140	700
AP-81	40	10 28	20	360	1.710
AP-92	100	75	55	360 665	1,710 3,200
NOP-42 NOP-62	2.8	1.7	-	45	2:75 700
NOP-62	10	7	4.5	. 165 495 890	700
AOP-82	40	28	20	495	2,500
AOP-94	100	75	55	890	2,500 4,930
GENOUP C					
ak-62	24	10	7	160	1.150
ak-81	40	28	20	. 400	1,1 5 0 2,700 4,650
AK-92	100	75	55	750	4.050

GROUP A

		IN at Synchron	ocus RPM		Met wt.	Price
%c3e1	1500	1000	750	600	(k g)	ruble
₩5-115 <u>=</u> /	135	75	60	45	1180	5,300
	110	1	-		1180	6,300
AM6-125a/	-	130	95	80	1520	7,100
₽/	_	110		-	1520	8,600
M6-128€/	300	215	155	130*	1870	9,000
b /		190	125*	100	1825	10,700
M6-138 /	-	320	245	180	2235	12,100
চ/	410	320	200*	165*	2350	15,200
~ ~ /	300	-			2300	17,500
DAN6-115	135		1	_	1020	4,600
AMG-128 .	300	_	.00.00	-	1870	7,800
AMG-138		320	245	_	2100	10,500
AM5-115	_	320 75	60	45	970	4,600
INIS-125	-	130	95	80	1370	€,200
A46-126	-	215	155	130#	1710	7,800
A45-138	i -		-	180	2080	10,500
ANT6-115	110	-	-	-	1020	5,650
AMTG-123	-	185	-	- 1	1900	9.600
DANI 6-130b/	410	280	200	-	2230	13.600
=/	300	190		in which is	2180	15,600
ANT6-12)		110	-	_	1370	7,70
ANTO-123	-	190	125	100	1710	9.600
10006-133				165	2080	.13,600

(continued)

a/ 220/330: 380 and 500 volts.

b/ 3(v0 volts. c/ 6000 volts.

^{*}Produced with pulleys only in installation type SBCMS2 (i.e., on two shield and one stand pipe bearing. us common hase plate, for telt drive).

II. THREE PHASE INDUCTION MOTORS, ABOVE 100 EV - 2

		XV at	Synchronous	RPM		Bet wt.	Price.
Model	1500	1000	750 600 500		500	(kg.)	rubles
147 <u>b/</u>	500	380	260	200	140	3100	19,900
c/	360	-	200	197		2900	22,900
14106/	680	520	370	280	210	3600	24,00
<u>c</u> /	500	380 850	260	200		3600	20,400
15105/	1100	850	625	430	320	5100	32,000
	850	650		400	280	5100	37,00
अर्था (क. १८) इ.स.	DAMSO SERT	8			, 60	5.0 L	
147 ₂ 7	500	380	260	200	140	3000	T - 17,270
1 410 5/	360	-	200		-	3000	19,6X
14106/	680	520	370	280	210	3550	21,50
ر/ع	500	380 850	280	2000	-	3 550	23,500
15106/	1100	850	625	430	320	5050	28,000
	850	650	10.	400	280	5050	31,400
DAZO-15-10-8	-	-	300	_		7000	53,000
DAZ-148-4	140	-				3200	23,600
GROUP B							
fode1	Synchronous	RPM	IG/	Volts		Net wt. (kg.)	Price, rubles
MD-114-8	750		55	220/380		1070	5,500
KAD-126-8	750	1	130	220/380 and	500	1500	9,300
LAB-13 8-6	1000		330	500		2600	14,500
KAND-111-2	3000	14th	100	220/380; 38	0	970	5,700
1000-123-2	3000		220	380	1	1570	8,700
DBCU-124-2	3000		275	380 and 500	, [1710	10,300
(a)40-122-c	3000	ĺ	160	3000	i	1370	9,300
DNO-133-2	3000		360	3000	Ĭ	23.00	13,300
DWD-134-2	3000		350	6000		2230	16,500

	ĺ	KV	at Synchronous RP	1	Bet wt.	Price,
Model		1500	1000	750	(kg)	rubles
MA-142-2		8	5.5	4	158	740
MA-1 45-1		36	25	20	510	2,648
MA-146-2		3 6 85	25 61	46	820	4,200
	\$66.4					7,200
MA-145-P-1	1887 E. S.	-	21	18	620	4,750
MA-146-F-2		-	52	75	930	7,500
	and the second	and the state of t	A STAP		7 30	1,700
10-11	50.0	8	6	750 F L	180	1,010* 1,900*
X 0-32		32	25	20	555	3,000° 5,500°
10 -52	ĺ	100	75	50	1070	5,900* 10,600*
			12	, ,	20/0	7,500-10,000-
K-11		4	3	· _	160	900
K-32	34	15	15	u l	530	2,700
				144	,	2,100
KA-36-71	1	120	80	65	1338	7,100
KA-36-72 P		120	90	70	1557	11,000
					201	11,000
TAG-21		0.9		A STANSANTON	44	290
TAG-32		3.5	2.3		112	550

Model	Syach. RPM	KW	Net weight, kg	Price,
MA-35-41/2	3000	18	380	2,710
MA-35-51/2	3000	35	635	4,500
MA-35-71/2	3000	125	1410	9,800
ED-11-2 ED-32-2 ED-52-2	3000 3000	8 32 100	135 555 1 070	1,150* 2,120* 3,400* 6,250* 6,800* 12,600*
MARP-114-6	750	55	1080	6,500
MARP-117-8	750	95	1380	8,100
MARP-128-8	750	160	1900	10,800

^{*}lst column of prices for normal insulation; second column for silicon organic insulation.

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IV. SYNCHROHOUS MOTORS AND GENERATORS

Model_	RPM	RW	KVA	W with	W -14-2	Het vt.	Price,
A.	GENERATORS TO	100 KV		0.0	Volts	(kg)6	rubles
aP#-10	1500	0.75			100		
aPW- 85	1500	6.0	- 1	* Sant	120	64	900
₽ № -290	1500	50.0	_	-	120	178	1600
9G-3 5-6	1000	,	36		230	600	5700
88A-73-4-A	1500		35 30	28	-	470	2290
308 -6.25	1500		30	24	-	330	3600
10-4e-1	1500	-	Ţ	5.0	230	170	1690
GT-25/6	1000	-	h 	3.2	-	120	1600
		-	25	in the second	400	325b	2100
В.	MOTORS OVER 10	O KOY		40			
N-125	1000	113	-		T	71.50	-
M-136	<u></u> <u></u>	146	•			1450	300
DG S	ERIES			† -		_ 5100	_ 11000
406 -6	1000			ites,			
		296	400.	ł	380	3250	20200
40 6-8	1000	265	360	4	3000	3180	
100- 0	750	221	300		380	3200	22700
	750	204	280		3000		50000
505-10	600	249	340	Nan-	380	3200	23000
	600	237	325			4000	24000
506-12	500	233	320		3000	3900	27500
5 04-1 6	375	iii	160	17	380	4090	24300
507-6	1000	421		A	380	3210	20000
5 10- 8	750	501	570 670	1.2	6000	4450	34000
					6000	5000	38000
C.	GENERATORS OVI	TR 100 EN (CS SER	IRS)				
105- 6	1000	264			1	·	
5 0 6-8	750	376	330		p00	303C	1,700
	750	320	470	Q.	400	3900	25000
105-10	600		400		6 300	3900	27000
05-12	500	152	190	j	400	3000	19500
05-16		128	160		400	3150	24,000 200400
605-20	375	156	195		400/230	2260	21700
06 -6	300	120 For Release 20	150		400/230	3020	
•••	Al PPoved	For3Release 20	01/ 03 /02:4	CIA-RDP62S00	231 ADD 010002	2007:55:00	2 000 00 3.7 00 0

V. HYDROGENERATORS, VERTICAL, SYNCHROHOUS, THREE-PRASE

Model	RPM	KYA	KW .	Volts	Net wt. (kg)	Price,
Series VGS	Y		7/			
	. 200.			•		
1-325/39-20	300	3750	3000	(1	
exciter	300 ·	3170	52	63 0 0	45,000	315,800
-325/39-28	211	2300	1840	110		
exciter	214	-50-0	45	6300	45,500	310,200
-325/49-32	187	3125	<u>z</u> zó	120		
exciter	187	3227	65	6 30 0	747,000	<u> </u>
-325/29740	150	1500	1200			
exciter	150	-	45	6300	41,000	295,100
-325/39740	150	5000	1600			
exciter	150	-	55	63 00	7-3,865	305,5∞
-325/24-40	150	750	600			ness remederation in pro-
exciter	750	-	ž <u>i</u>	6 300 80	20,700	143,000
-325/20246	130.5	375	300	6300		
exciter	975	317	28.5	100	18,700	135,4 0 0
-325/24-AT	130.5	<u>625</u>	300			
exciter	975	/	28.5	100	19,600	105,300
-325/24-60	100	375	300	6300		
exciter	800	317	21	80	19,600	75 0,40 0
-260/20-24	250	850	680	6300	16 600	
exciter	980	•	20	115	16,500	141,000
-213/11-20	300	250	200	400/230		
exciter	1000		10	75	6,500	67,700
-21 3 /15 -20	300	375	300	400 /230	7,400	
exciter	1000		10		7,400	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
213/11-24	250	<u>2</u> 00	160	1 00/230	6,000	
exciter	1000	•	10		0,000	65,800
213/15-24	250	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	200	10 0/230	7,000	
exciter	1000	-	10		1,000	15,200
-213/20-24	250	· 375	300	1 00/230	7 ,600	
exciter	1000		10		1,000	77,000
-213/ 24 -28	214	450	360		9,42 3	
exciter	1000	•	10	- 75	y, 4€ 5	90,000

a/Price includes comproyed For Release 2001/03/02: CIA-RDP62S00231A000100020075-0 other models.

ADDITIONAL DESCRIPTIVE NOTES FOR MOTORS AND GENERATORS (MinFin Price Book , Volume II)

I. THREE-PHASE INDUCTION MOTORS TO 100 KW

GROUP A (pp. 472-473) - Shorted rotor, shielded. Installation Type SHCH-2 (see explanation below). Series A, cast iron casing, series AL, aluminum. Voltage - 220/380 and 500. Also 127/220 for models A-31 and A-42, and AL-42.

GROUP B (p. 473) - Same.

GROUP C (pp. 473-474) - Same, except that models are enclosed and ventilated.

GROUP D (pp. 475-476) - Shorted rotor, shielded, multispeed, for 220/380 and 500 volts. Installation SECH2.

Series with suffix 8/4: 750 and 1500 synchronous RPM.

12/6: 500 and 1000

8/6/4: 750, 1000 and 1500

12/8/6/4: 500, 750, 1000, 1500

GROUP E (pp. 476-478) - Shorted rotor, enclosed and ventilated for 220/380 and 500 volts. Installation SECE2.

Beries ending 4/2: 1500 and 3000 synchronous RPM.

8/4: 750 and 1500 12/6: 500 and 1000

6/4/2: 1000, 1500 and 3000 8/6/4: 750, 1000 and 1500

12/8/6/4: 500, 750, 1000 and 1500

GROUP F (p. 480) - Shorted rotor, increasing starting moment for 220/380 and 500 volts. Installation, SECH2. Series AP, shielded; series AOP, enclosed and ventilated.

GROUP 0 (p. 481) - Phased rotor, shielded for 220/380 and 500 volts. Installation SHCH2.

SURCHARGES (as percent of indicated prices) levied for installation type design changes (p. 482).

	Installation Type	Surcharge (of base price
2.	Horisontal, flange on bearing shield (F2) Flange on bearing shield and case on feet (SECH2/F2) Vertical, flange on lower shield (VZ) With second free shaft end	20
۶٠.		30

a/The base price is for standard SNCH2 installation type; horisontal with frame on feet.

MOITICEAL DESCRIPTIVE NOTES ... (cont.)

TERES-PHASE THRUCTION MOTORIS ABOVE 100 KM

GROUP A (pp. 483-486) -

Series AM6 - phased rotor, shielded. DAM6 - shorted rotor with double cage, shielded for 220/380,

380 and 500 volts.

GAMS - shorted rotor with deep groove, shielded. Some

voltage.

DANTO - shorted rotor with double cage, shielded. Designed

for difficult operating conditions. 3000 volts.

GAMING - Shorted rotor with deep groove, shielded. Designed

for difficult operating conditions. 3000 volts.

PARSO- phased rotor, shielded with constantly leaning (1)

(nalegaiushchili) brushes.

DAMSO - shorted rotor.

DAZO - shorted rotor, shielded, 6000 volta.

The installation type is SECE2 - on two-shield bearings with free shaft end for fitting pulley or coupling. Series GAM6, DAM6, CAM76, DAMED cas be obtained with two free shaft ends.

GROUP B (p. 486) -Series MAD and MAB - phased rotor, constantly leaning (?) brushes, shielded.

Series KAMO and KAMOU - shorted retor, enclosed, ventilated, with two free alast ends.

Installation type of all series, SECS2.

SUBCHARGES (+) AND DISCOUNTS (-) RELATIVE TO BASE PRICES FOR DESTON CHANGES (pp. 488-489)

	Design Changes	s of base price
1.	The least went (lets)	+10
2.	are not produced with two free ends)	+ 5 - 9 - 15
	3000 to 500 and lower 500 to 3000 3000 to 6000	+ 18 + 10

THAT INDICATION MEDICAL EXPLOSION PROOF AND CUTTING (pp. 489-491)

write bi-140 - shorted roter, enclose with outer blowing (Eventilation. obluv). 380 volts.

Series MA-lkor - same, except phased rater.

Regiss XD - sems as MA-140.

Series K - shorted rotor, enclosed without outer ventilation, 380 volts.

Model RA-36-71 - same as Series K.

Model Ma 36-727 - seen, except phased rotor.

Series TRO - shorted rotor, suclosed, 220/380 volts.

Series MA-35 - shorted rotor, enclosed, outer ventilation. Indicated Ed output when temperature of surrounding air = 55°C.

Nodels KO-11-2, 32-2, 52-2 - shorted rotor, 2 pole, enclosed with outer ventilation for 380 volts.

Series MART - phesed rotor, "super-sais" for 220/380 and 500 volts.

all of the above - installation type BECH2.

IV. SYNCHAPPOUS MOTORS AND CEREPATORS

A. Generators to 100 kg (p. 492)

Series aPE - single-phase, with self-exciter for 50 Borts frequency, Cycle-fac drip-shielded.

Models EG-35-6 and MSA-72-4A - three-phase, with exciter (included in weight and price), horisontal, open, on two-shield rolling bearings; 230 and 400 volts; 50 Erris frequency Cylinfold

Model 808-6.25 - three-phase, shielded, self-exciting; 230 volts 50 Eres froqueroy. Cycles/plc.

Model SG-4c-1 - three-phase, shielded, with self-excitation from selenium rectifier, with transformer-voltage-stabilizer.

Model SOT-25/6 - three-phase, self-excitation from mechanical rectifler, automatic voltage regulation, 50 Barts frequency. Cycles out.

All models above, except 307-25/6, are installaton type SECER. The model SGT-25/6 is horizontal, on two rolling bearings.

B. Motors Over 100 km (pp. 493 and 595)

Sories SM - three-phase, shielded; 220, 380 and 500 volts, SECH: type. Series DS - three-phase, shielded.

C. Generators over 100 kv (p. 494)

Series GS - three-phase, shielded.